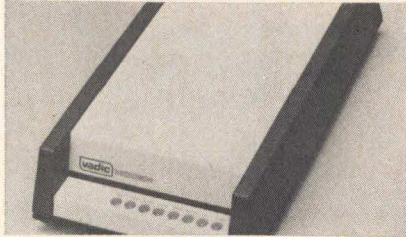


## NCC PRODUCT REVIEW

### 300-BIT/s FULL-DUPLEX MODEMS



VA355 series of low profile standalone modems are designed for remote terminal uses requiring 300-bit/s full-duplex operation over switched networks or 2-wire leased lines. Registered for direct connect under FCC Rules, Part 68, the series includes VA355 P for direct connect to voice or data jack, S for direct connect to data jack only, and G for 2-wire leased line (point-to-point or multipoint). The crystal-controlled units use CMOS circuits for min power consumption. Com-

pact power supply is located at the ac plug to reduce heat within the modem itself. Compatible with major time-sharing services, the devices are direct replacements for Bell 103/113. Originate/answer, diagnostic interface display, and local analog and digital loopbacks are also featured. **The Vadic Corp.**, 222 Caspian Dr, Sunnyvale, CA 94086.

**See at Booth 2141**

Circle 439 on Inquiry Card

### MAGNETIC CARD READER/ENCODER



Series LC-31 Gameloader™ conveniently loads programs for home/hobby computers. Programming/data storage media holding 1k 8-bit bytes is the company's 4-stripe Kilobyte Card.™ An enclosed strobe controlled PC/LED/shaft encoder provides data accuracy independent of head speed. A 2-channel R/W type head provides recording densities of 420 bits/in (165/cm) on the card, with typ ISO/ANSI-std 2.81" (7.14-cm) track length. Char load time is 5k bytes/min. Read speed is 3.1"

(7.9 cm)/s, with R/W cycle time of 5 s/stripe. Power required is 12 Vdc, at 350 mA max. Design includes 1 full track of I/O buffering, F8 microprocessor control with ROM and RAM, plus magnetically shielded and electrically suppressed drive motor. Interface configurations are RS-232, EIA; TTY; and byte parallel. **Vertel, Inc.**, 125 Ellsworth St, Clifton, NJ 07012.

**See at Booth 1856**

Circle 440 on Inquiry Card

### REMOTE BATCH SYSTEM FOR ELECTROSTATIC PRINTING

Emulating IBM 2780/3780 data communications terminals, RSVP™ (remote spooling vector processor) for the IBM 360/370 uses IBM bisync protocol and EBCDIC code. It carries its own self-test, line trace, and dump capabilities. The system converts vectors to rasters, and routes jobs to multiple electrostatic printer/plotters and/or mag tape. Dial-up or leased

line communications occur at 2400 to 9600 baud. Local operation supports tape to printer/plotter, card to tape, and card to printer. System components include a vector processor with operator panel and display, mag tape deck, card reader, and up to 4 combinations of printers and plotters. **Versatec, a Xerox Co.**, 2805 Bowers Ave, Santa Clara, CA 95051.

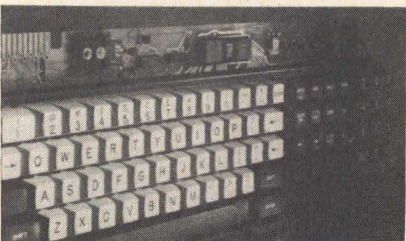
**See at Booth 1463**

Circle 441 on Inquiry Card

### NOTE

1000 series booths are located in North Hall, 2000 series are in South Hall, 3000 series are in the Arena, and 4000 series are in West Hall—all at the Anaheim Convention Center; however, booths numbered 1 through 999 are located at the Disneyland Hotel Exhibition Hall in the Personal Computing Festival area.

### MICROPROCESSOR KEYBOARD WITH REED SWITCHES



Full function programmable keyboard uses a single-chip 8-bit microprocessor that incorporates ROM and RAM, as well as an erasable p/ROM, which enables complete software control of all key functions. Microprocessor also permits automatic repeats, multiple programming of a single board, program changes in the field, serial and/or parallel I/O, and n-key rollover (3-key rollover is std). Reed keyswitches are low profile, measuring 1.03125" (0.793

cm) from base to key top, and are sealed against dust, humidity, and hostile environments. They require low operating power and have 0 power drain. Life expectancy is 100M operations. Keytops are nonglare, double-shot molded, and color controlled. Legends are sharp and clear. **C. P. Clare & Co.**, 3101 W Pratt Ave, Chicago, IL 60645.

**See at Booth 125**

Circle 442 on Inquiry Card